AMENDMENTS TO THE SPECIFICATION

Amend the paragraph beginning on pages 10, lines 7, as follows:

Scaler calculator 305 then divides the normalized value of the total ISCP (x') by a previous normalized value of the prior observation period total ISCP (y'), which has been stored in ISCP buffer 306, to calculate a scaler value (x"). Scaler 307 then obtains previous searcher thresholds (y") for each of the uplink connections (u = 0 to U-1) from a searcher threshold database 308, scales each the previous searcher thresholds (y") for each of the uplink connections using scaler value x" by multiplying the scaler value x" by each of the previous searcher thresholds (y"), and restores the scaled searcher thresholds T̲ back in the searcher threshold database 308, thereby adjusting for the jitter in the AGC 101 (shown in Fig. 1). ‑These scaled searcher thresholds T̲ are then used as the newly-adapted search thresholds T̲ used to be compared with detection values z to detect propagation paths in a communications signal‑.